

INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.
8CL-7174A/GP 032-D

SERIAL NO.
09/682,010

Leonid M. Kustov et al.

FILING
7/9/01

GROUP
1621

SEP 10 2001

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CA1	4,367,359	01/04/83	Kaeding			
	4,559,314	12/17/85	Shihabi			
	4,581,215	04/08/86	Kaeding			
	4,724,270	02/09/88	Chang et al.			
	4,950,829	08/21/90	Han et al.			
	4,982,013	01/01/91	Gubelmann et al.			
	5,001,280	03/19/91	Gubelmann et al.			
	5,055,623	10/08/91	Gubelmann et al.			
	5,110,995	05/05/92	Kharitonov et al.			
	5,672,777	09/30/97	Kharitonov et al.			
	5,808,167	09/15/98	McGhee			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
CA1	DE 19634406 A(ABS)	03/12/98	Germany				
	EP 0 068 755 A2	01/05/83	European				
	EP 0 134 331 A1	03/20/85	European				
	EP 0 302 636 A1	02/08/89	European				
	EP 0 568 913 A2	11/10/93	European				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CA1	Uriarte, Anthony K., "Direct Hydroxylation of Benzene to Phenol by Nitrous Oxide", 3rd World Congress on Oxidation Catalysis, 21-26 Sept. 1997.
1	Zholobenko, V., "Preparation of Phenol over Dehydroxylated HZSM-5 Zeolites", Mendeleev Commun. 1993, p. 28-29.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CAI	5,849,257	12/15/98	Fujiwara et al.			
I	5,892,132	04/06/99	Rooks et al.			
I	6,255,539 B1	07/03/01	Uriarte et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
CAI	JP 56-77234 (ABS)	06/25/81	Japan			
I	JP 56-87527 (ABS)	07/16/81	Japan			
I	JP Applic. H9-194412	07/29/97	Japan			
I	WO 95/27560	10/19/95	World			
I	WO 95/27691	10/19/95	World			

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CAI	Iwamoto, et al., "Catalytic Oxidation by Oxide Radical Ions", J. Phys. Chem., 1983, V. 87, No. 6, p. 903
CAI	Sobolev, V., "Catalytic Properties of ZSM-5 Zeolites in N2 O Decompositon: The Role of Iron", Journal of Catalysis, 139, p. 435-43 (1993)

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CAH		Volodin, A. J., "The Role of Surface a-Oxygen in Formation of Cation Radicals at Benzene Adsorption on ZSM-5", Phys. Chem 1994, 98, 7548-7550
CAH		Selective Oxidation of Fluorobenzenes on Modified Zeolites Using N2O as an Oxidant. Bogdan, V.I.; Kustov, L.M., Batizat, D.B.; Sakharov, A.M.; Kazansky, V.B. (N.D. Zelinsky Institute Organic Chemistry, Russian Academy Sciences, Moscow, 117334, Russia). Stud. Surf. Sci. Catal., 94 (Catalysis by Microporous Materials), 635-40 (English) 1995.

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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)
8CL-7174A/GP 032-DApplication Number
09/682,019Applicant(s)
Leonid M. Kustov et al.Filing Date
7/9/01Group Art Unit
1621

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Study of Active Centers for Oxidation of Benzene and Formation of Cation-Radicals in H-ZSM-5 Zeolites and Hordenite. Zholobenko, V.L.; Kustov, L.M.; Kazanskii, V.B. (Inst. Org. Khim. Im. Zelinskogo, Moscow, USSR. Kinet, Katal., 30(4), 901-5 (Russian) 1989. (Translation)

Catalytic Activity and Active Sites in Zeolite Catalysts for N₂O Decomposition. Uvarova, E.B.; Stakeev, S.A.; Kustov, L.M.; Brei, V.V. (N.D. Zelinsky Institute Organic Chemistry, Russian Academy Sciences, Moscow, Russia). Stud. Surf. Sci. Catal., 98(Zeolite Science 1994: Recent Progress and Discussions), 148-9 (English) 1995.

Radical Intermediates in the Photoinduced Formation of Benzene Cation-Radicals over H-ZSM-5 Zeolites. V. A. Bolshov, A.M. Volodin, G.M. Zhidomirov, A.A. Shubin and A.F. Bedilo, Boreskov Institute of Catalysis, Siberian Branch of the Russian Academy of Sciences, Novosibirsk 630090, Russia, Received: November 29, 1993, In Final Form: May 10, 1994., J. Phys. Chem 1994, 98, pgs. 7551-7554; 1994 American Chemical Society.

"One-Step Benzene to Phenol (BTOP)" (literature), Marcos A. Cesar, 1998 PEP Client Conference, Redwood Shores, CA. May 2-5, 1998

"One-Step Phenol Process Offers Higher Yield", Chementator, Edited by Ken Fouhy. Chemical Engineering/February 1997, pg. 15.

"New Catalyst Softens Conditions for Bisphenol-A Production", Chementator, Edited by Ken Fouhy. Chemical Engineering/February 1997, pg. 15.

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